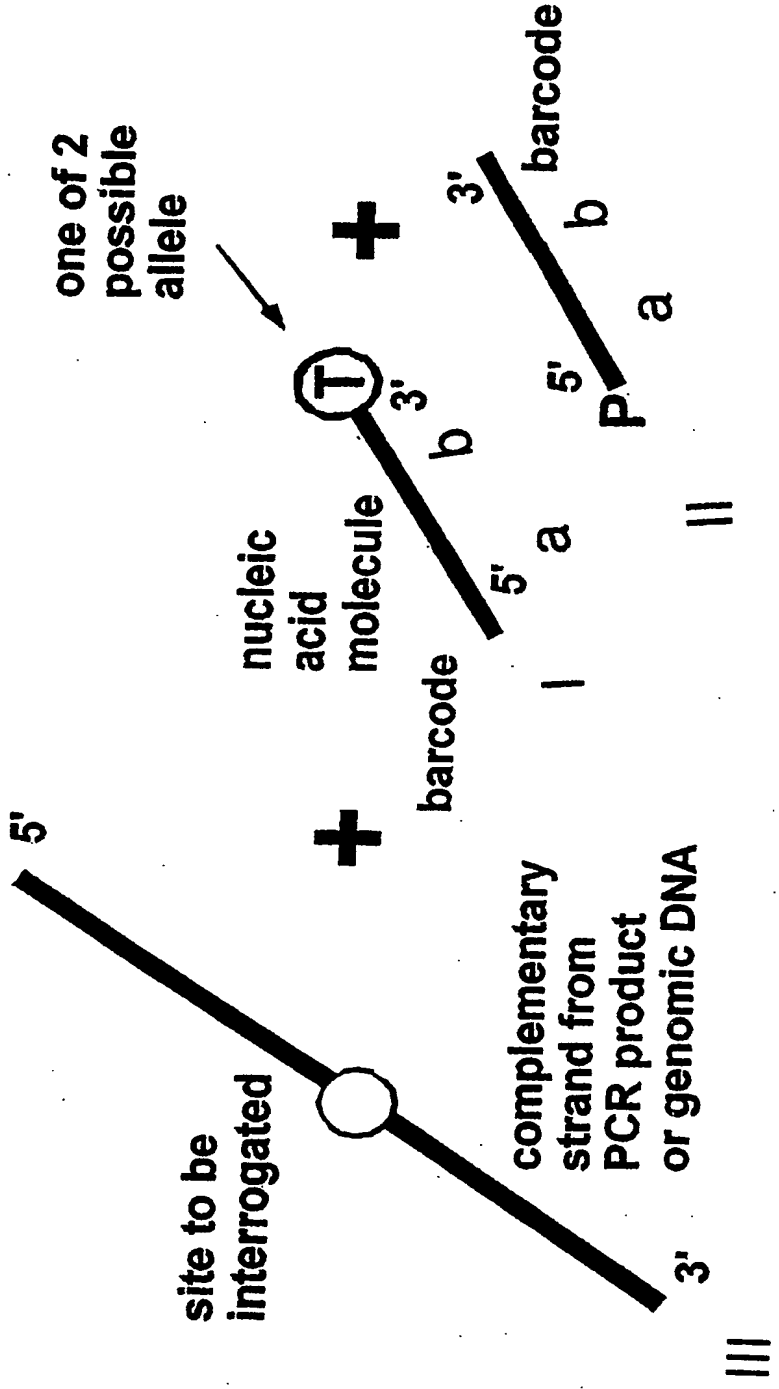

5'
site to be interrogated
3'
complementary strand from PCR product or genomic DNA
barcode
nucleic acid molecule
5'
a
b
3'
T
one of 2 possible allele
5'
P
a
b
3'
barcode

FIG. 1

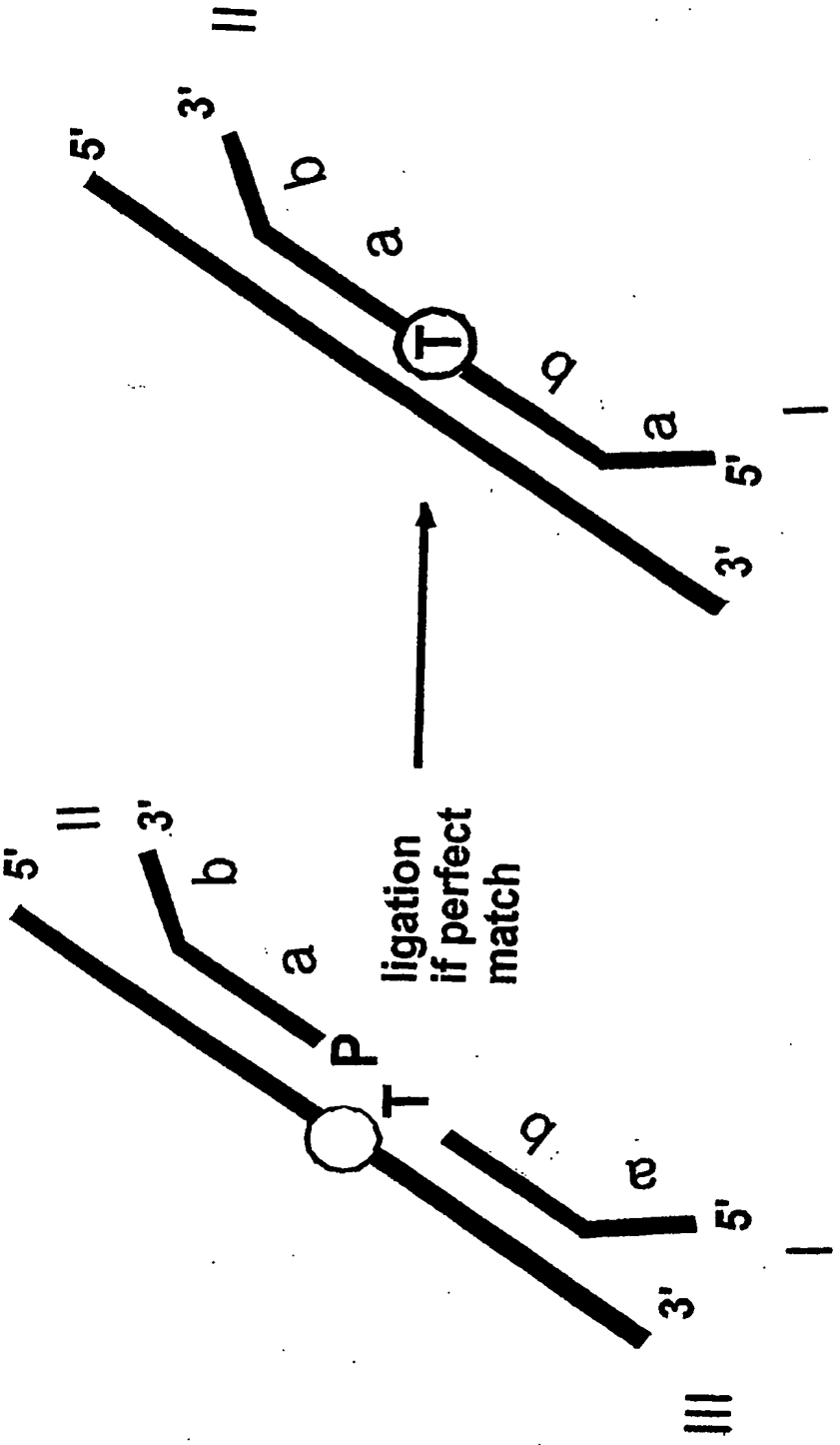

5'
3'
II
b
a
T
q
a
5'
3'
I
ligation
if perfect
match
5'
II
3'
b
a
P
T
q
e
5'
3'
I
III

FIG. 2

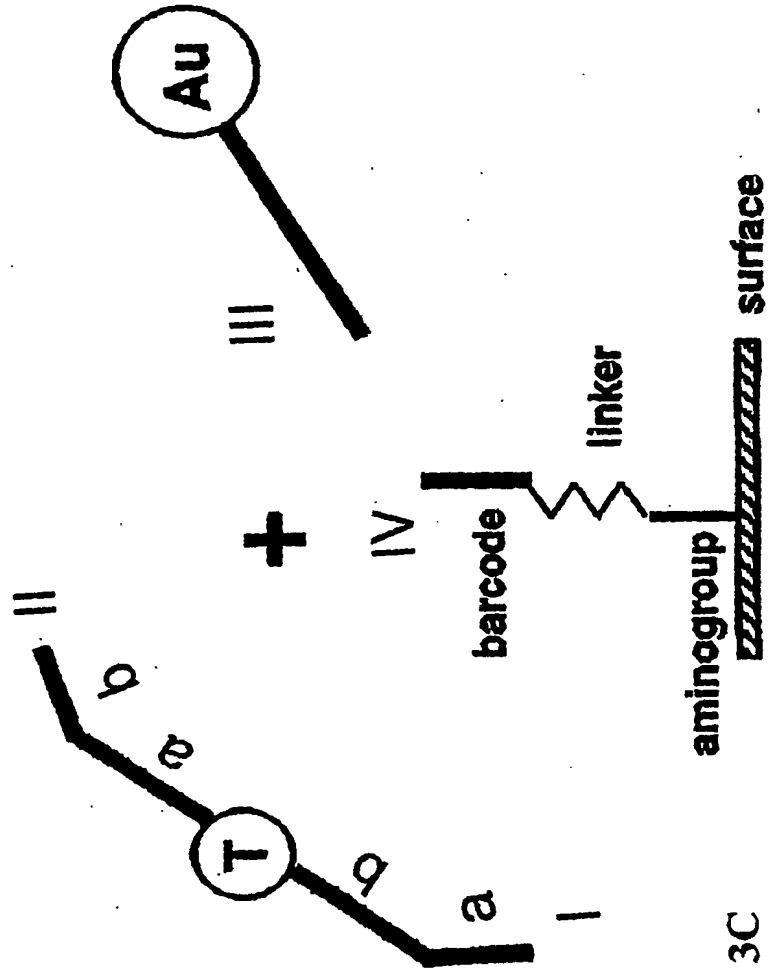


FIG. 3

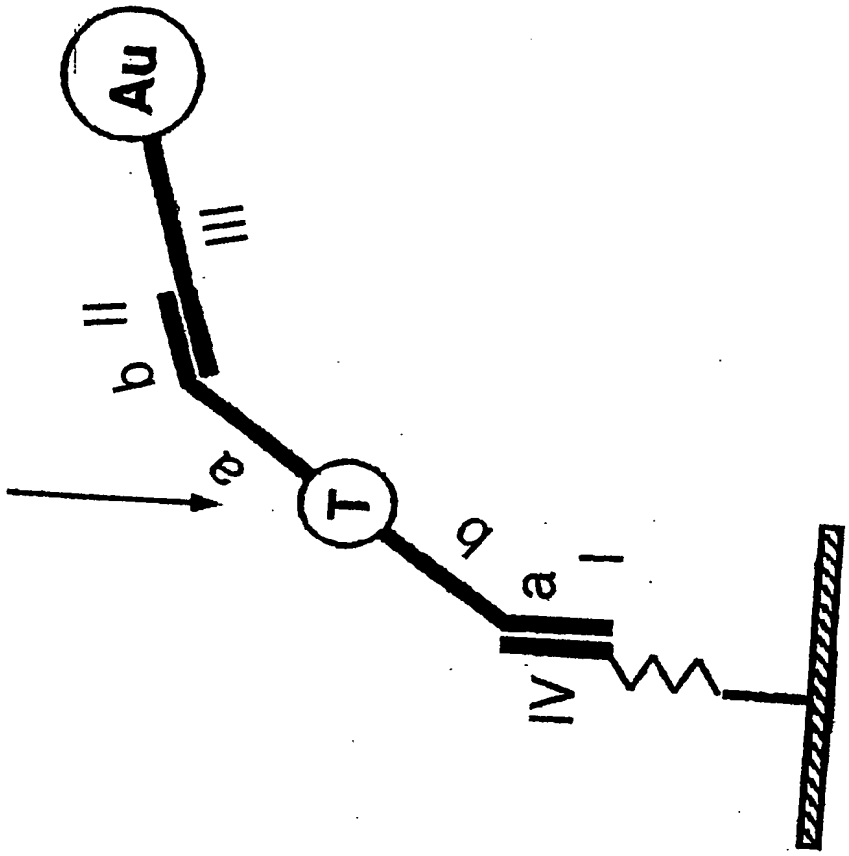
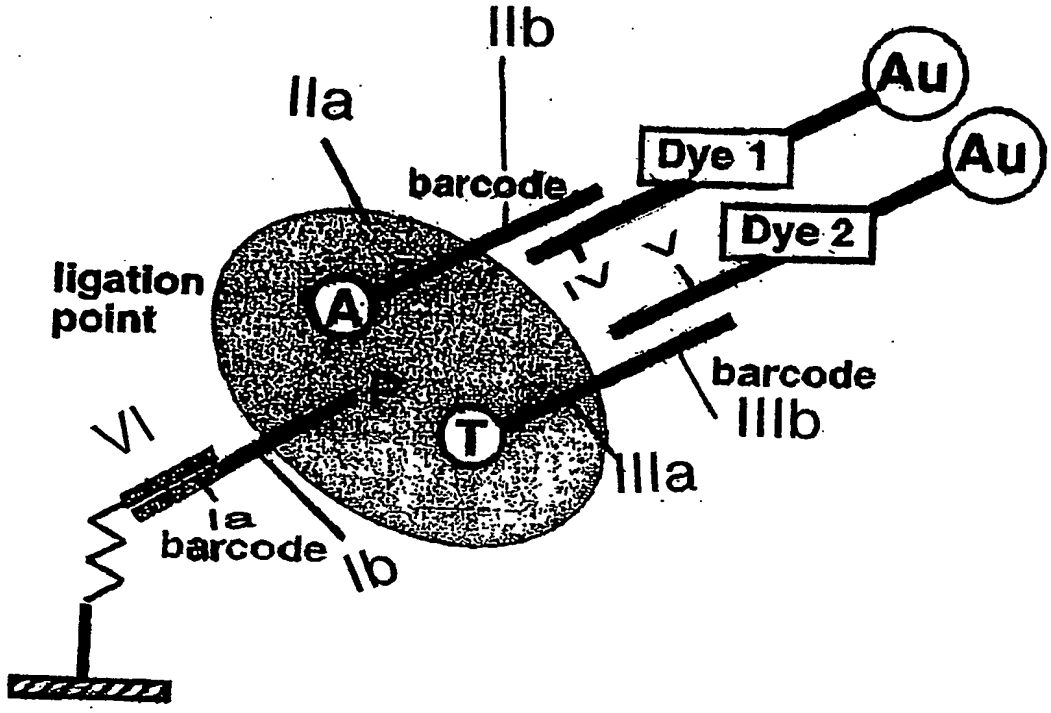


FIG. 4



array capture (1 spot, 2 alleles)

FIG. 5